

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 6:59 AM

**Daily Diary Report by Bid Item**

Contract No.: 04-0120F4

Diary #: 1124 Const Calendar Day: 697

Date: 02-May-2014 Friday

Inspector Name: Brignano, Bob

Title: Transportation Engineer

Inspection Type:

Shift Hours:

Break:

Over Time:

Federal ID:

Location:

Reviewer: Schmitt, Alex

Approved Date:

Status: Submit

**04-0120F4  
04-SF-80-13.2/13.9  
Self-Anchored  
Suspension Bridge****Weather**

Temperature 7 AM

12 PM

4PM

Precipitation

Condition partly cloudy

Working Day ☒ If no, explain:**Diary:**

Dispute

**General Comments**

CCO 314, SAMPLING AND TESTING A354 GRADE BD MATERIAL:

ABF Engineer Kelvin Chen is working part time in the field and office on CCO 314.

Crews at the Pier 7 warehouse area are working an 8-hour shift 0700 through 1530 today. Ironworkers Jared Garrett and Kyle Crowley work on CCO 314 items approximately half of the day – they go back and forth between CCO work and non-CCO work throughout the day. Portions of the shift not spent at the CCO 314 test rigs are not covered in this diary. Operator Jeff Keller also assists the ironworkers for portions of the day – few hours.

Ironworkers Jared Garrett and Kyle Crowley work in the morning on the jacking rods planned for TR's 14-17. These are 4 used and 4 spare rods from TR's 1-4. They use the nuts to check the threads of both ends of the 4 used rods and the 1 spare rod. Then, there are 3 spare rods that have couplers partially installed on one end – they check the threads on the other end and unsuccessfully try to remove the couplers. Some of the rods have thread issues at the end but the nuts still pass – after some thread filing, but those ends of rods may be cut off with the bandsaw anyway. Two rods have thread issues near the shank – the nuts stop short of those bad threads, and those bad threads will be avoided by adding shim plates to move the nut away farther away from the shank or the other end of the rod will be cut to shift the nut position.

Ironworkers Jared Garrett and Kyle Crowley work approximately 1130 to 1330 today grinding with a wire wheel brush attachment on disk grinders to remove paint at the welds to be MT inspected next week (scheduled for Monday 5/5/2014) at TR's 1-4 (to convert to TR's 14-17). Yesterday they removed most of the paint and applied paint remover to the remaining areas where paint is to be removed. The paint comes off easily after the previous application of the paint remover, but there is still paint stuck in the uneven surfaces of the welds and those require extra grinding with a wire wheel brush. They complete paint removal today and all the welds to be inspected are ready for MT next week on Monday 5/5/2014.

CT-METS Saied Khan and James Doe work between approximately 0730 and 0830 to field hardness test both ends of all 4 test rods for TR's 14-17. They test rod ID's EB-2-03, EB-2-08, SK-3-06, and SK-3-13. Both ends of all 4 rods were cleaned yesterday by ABF. Hardness testing is completed today, but CT-METS says that they will retest these rods next week.

Also today, Ironworkers Jared Garrett and Kyle Crowley use forklifts to move some plates in the warehouse per CT-METS's request for access to different thickness plates for UT trials. There is no assigned CCO for this work, so this approximately half hour of work is included in the agreed hours for



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Job Name: 04-0120F4

Inspector Name Brignano, Bob

Diary #: 1124

Date: 02-May-2014

Friday

CCO 314.

A 7kW generator – Whisperwatt 7000 – ABF ID 002343 is used at the test rig work area for part of the day when ironworkers are grinding to remove paint. Two disk grinders are used today. A 40kW generator – MQ Power 40 – ABF ID 002051 is on idle/standby at the test rig work area. A Hydraulic Pump for running the jacks is on idle/standby at the test rig work area. An oxyacetylene torch is on idle/standby at the test rig work area. A compressor – IR P185 ABF ID 000002 is on idle/standby at the test rig work area. A Kubota Cart is used by the ironworkers today. Various forklifts (extendable, Hyster 155, and Hyster 80) are used at various times during the day.

Note that there is k-rail at this work area. Some of the k-rail is rented and addressed by the rental agreement. Some of the k-rail is ABF's k-rail used on site and paid as rented from ABF on a daily basis. To elevate the k-rail, crane mats and timber blocking (12x12's) are in use. The k-rail quantities are as follows:

10' bought k-rail = 20 pieces

10' ABF k-rail = 4 pieces

20' rented k-rail = 10 pieces

20' ABF k-rail = 11 pieces

Note that this includes three 20' ABF k-rail between the CCO 314 work area and FW Spencer's yard, with that k-rail being in place prior to the CCO work and not related to CCO 314. Also a fourth 20' ABF k-rail is between the CCO 314 work area and FW Spencer's yard along the fence line near the BayView Trailer. Seven of the ABF 20' k-rail are in TR's 1-4.

The agreed extra work with ABF is as follows:

Engineer Kelvin Chen - 1 hr

Ironworker Jared Garrett - 4 hrs

Ironworker Kyle Crowley - 4 hrs

Kubota Cart - 2 hrs

7kW Generator - 4 hrs

Grinder - 2 hrs

Extendable Forklift - 0.5 hrs

Small Forklift - 0.5 hrs

k-rail: 6 pcs @20' and 4 pcs @10'

Crane Mats (12x12 - 5'x16') - 2 pcs

Crane Mats (12x12 - 5'x7') - 8 pcs

See the attached Extra Work Order - Signed with ABF for CCO 314 work